

08-17-01

A

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)*(Only for new nonprovisional applications under 37 CFR 1.53(b))*Docket No.
39868/25551

Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTSBox Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

CATHETER WITH OUT-OF-PLANE CONFIGURATIONS

and invented by:

Larry D. PaskarIf a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:☒ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: 08/764,745

Which is a:

☐ **Continuation** ☐ **Divisional** ☒ **Continuation-in-part (CIP)** of prior application No.: 07/834,007

Which is a:

☐ **Continuation** ☐ **Divisional** ☒ **Continuation-in-part (CIP)** of prior application No.: 07/730,120

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 27 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications *(if applicable)*
 - c. ☒ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 - d. ☒ Reference to Microfiche Appendix *(if applicable)*
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings *(if drawings filed)*
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
39868/25551

Total Pages in this Submission

Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
a. ☒ Formal b. ☐ Informal Number of Sheets 10
4. ☒ Oath or Declaration
a. ☒ Newly executed *(original or copy)* ☐ Unexecuted
b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
c. ☒ With Power of Attorney ☐ Without Power of Attorney
d. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.
6. ☐ Computer Program in Microfiche
7. ☐ Genetic Sequence Submission *(if applicable, all must be included)*
a. ☐ Paper Copy
b. ☐ Computer Readable Copy
c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers *(cover sheet & documents)*
9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
☐ First Class ☒ Express Mail *(Specify Label No.):* EL474183911US

**UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.

39868/25551

Total Pages in this Submission

Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: _____
17. ☒ Additional Enclosures *(please identify below)*:

Letter

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
39868/25551

Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	18	- 20 =	0	x \$9.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$40.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$355.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$355.00

- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$355.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated:



21888

PATENT TRADEMARK OFFICE

Gregory E. Upchurch
Signature

Gregory E. Upchurch, Esq., Reg. No. 28,482
Thompson Coburn LLP
One Firstar Plaza, Suite 3500
St. Louis, MO 63101
Ph: 314-552-6580
Fax: 314-552-7580

Customer No. 021888
CC:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **Larry D. Paskar**

Docket No.

39868/25551Serial No.
To be assignedFiling Date
8/16/01Examiner
To be assignedGroup Art Unit
To be assignedInvention: **CATHETER WITH OUT-OF-PLANE CONFIGURATIONS**

I hereby certify that the following correspondence:

**Letter to US PTO, Utility Patent Application Transmittal, Patent Application With Formal Drawings (10 pages),
Declaration and Power of Attorney, Postcard***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

8/16/01*(Date)*Gregory E. Upchurch*(Typed or Printed Name of Person Mailing Correspondence)*Gregory E. Upchurch*(Signature of Person Mailing Correspondence)***EL474183911US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: N/Y/A
:)
Larry D. Paskar) Group Art Unit: N/Y/A
:)
:)
Application No.:)
Continuation of co-pending :
Application No. 08/910,411)
:)
Filed: August 13, 1997)
:)
:)
For: Catheter with Out-of-Plane :
Configurations)

Assistant Commissioner of Patents and Trademarks
Washington, D.C. 20231

LETTER

Dear Sirs:

This correspondence is submitted to provide background to the present newly filed Continuation Application.

Parent Application Status

The present application is a continuation of co-pending U.S. application no. 08/764,745, which is a file wrapper continuation of application no. 08/159,826, which is a continuation in part of the then co-pending application no. 07/834,007, filed on February 11, 1992, which has since issued as U.S. Patent No. 5,304,131; which is a continuation in part of the then co-pending

parent application no. 07/730,120, filed July 15, 1991, which has since issued as U.S. Patent Number 5,290,229 (hereinafter, "the '229 Patent").

The immediate parent application no. 08/764,745 is under final rejection and is currently before the Board of Patent Appeals and Interferences, which appeal is being dropped in favor of this and two other applications.

Applicant requests the opportunity to meet with the Examiner to illustrate models and a video that were sent to the Examiner in connection with the immediate parent application, to further explain the differences between the present claims and the prior art.

Present Continuation Application

The present continuation application has 22 claims of which claims 1 and 10 are independent.

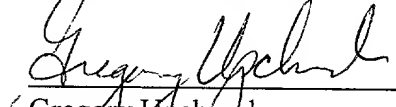
The specification of the continuation application differs from the specification of the '745 application (the immediate parent to this continuation) only by the inclusion of a more detailed discussion of out of plane uses of the instant invention. This more detailed discussion is disclosed in the '745 application as well as the '229 patent. See '745 application at page 20, lines 15-20, and page 21, lines 22-24, as well as Figure 15B. Further, these out of plane uses would be inherently obvious to one of skill in the art after reading the '745 application. No new matter has been added to the disclosure and the claims of this continuation application are fully supported by the disclosures of the '229 patent and the '745 application.

Applicant respectfully submits that the present continuation application is patentable, and requests favorable consideration.

PATENT APPLICATION
39686.010307

Applicants' undersigned attorney may be reached at (314) 552-6580. All correspondence should continue to be directed to the below listed address.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Gregory Upchurch", written over a horizontal line.

Gregory Upchurch

Registration No. 28,482

Thompson Coburn LLP

Intellectual Property Group

One Firststar Plaza

St. Louis, MO 63101

093146-034691
TBAFBA 931469